

Engineering Technology (CIVIL TRACK)
Associate of Applied Science

PROGRAM GUIDE

FRESHMAN: FIRST SEMESTER

Course Name

Computer Fundamentals
Applications of Engineering Technology
Fundamentals of Drafting
Drafting 2D Views and Dimensioning
Engineering Technology Projects I
Civil Drafting Fundamentals
CAD Fundamentals
English Composition I OR English Composition I with Review (Requires 2 hours in the Writing Lab per week)
Student Success Seminar (Required)

FRESHMAN: SECOND SEMESTER

Course Name

OSHA 10
Introduction to USA Flight
Topographic Triangulation
Applications of Spatial Reasoning in Engineering
Mechanical CAD/CAM Drafting
CAD Drafting Models
Civil CAD Fundamentals
Basic Surveying with Mathematics
Workplace Ethics (Required, or Ethics, PSY, SOC)

SOPHOMORE: FIRST SEMESTER

Course Name

Personal Finance (Required)
Engineering Technology Projects II
Geographical Information Systems (GIS)
Civil Plans & Regulations
Global Positioning Systems (GPS)
College Algebra OR College Algebra w/Review (Required)

SOPHOMORE: SECOND SEMESTER

Course Name

Civil Design Capstone
Civil CAD Advanced Procedures
Occupational Work Experience
Special Projects